

Amendments to the Specification

Applicants respectfully request that the first sentence of the Abstract be replaced with the following sentence:

The present invention comprises compositions and methods for identification of genes involved in vascular diseases using human endothelial and smooth cell "artery wall" models to capture the cell-cell and cell-matrix communications that are operative in normal and ~~diseases~~ diseased conditions.

Applicants respectfully request that line 7 on page 31 of the Specification be replaced with:

Results are interpreted using ~~Pathways™~~ PATHWAYS™ software for analysis.